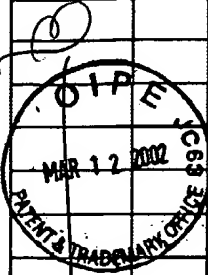




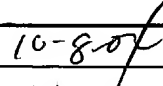


FORM PTO-1449 (Rev. 2-32)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO: 30-2138CIP2		SERIAL NO.: 09/143,583		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT: Charles E. Bowers				
(Use several sheets if necessary)				FILING DATE: August 31, 1998		GROUP: 3710		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		3,987,615	10/76	Hill, Jr.	57	156	8/18/75	
		4,231,169	11/80	Toyama et al.	428	408	6/21/78	
		4,412,877	11/83	Vosburgh	428	95	4/21/82	
		4,541,231	9/85	Graham, Jr. et al.	57	12	8/26/83	
		4,644,741	2/87	Grading et al.	57	256	6/11/84	
		4,861,649	8/89	Browne	428	911	11/2/87	
		4,690,860	9/87	Radvan et al.	428	290	12/29/86	
		4,851,501	7/89	Lubowitz et al.	428	290	12/17/87	
		4,943,472	7/90	Dyksterhouse et al.	428	288	10/25/89	
		4,916,000	4/90	Li et al.	428	911	4/10/90	
		5,567,256	10/96	Queen et al.	156	72	12/21/94	
FOREIGN PATENT DOCUMENT								
							TRANSLATION	
		DOCUMENT NUMBER	DATE	PATENTEE OR APPLICANT	CLASS	SUBCLASS	YES	NO
		WO 9914408	25.03.99	Bowers				
		WO 88/03969	02.06.88	Hackler				
		WO 94/20657	15.09.94	Tung et al.				
		WO 95/30040	09.11.95	Combs et a/				
		JP 09119034	06.05.97	Katsuyoshi				
		UK 2205116	30.11.88	Watt et al.				
		EP 0466618	08.07.91	Guevel et al.				
		EP 0444637	27.02.91	Bankar				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)								
EXAMINER			DATE CONSIDERED					
								

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